Terms used: **music matching** Found **36,800** of **212,128**

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Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
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1 Melodic matching techniques for large music databases
Alexandra Uitdenbogerd, Justin Zobel
October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 1) MULTIMEDIA '99**
Publisher: ACM Press
Full text available: pdf(1.24 MB) Additional Information: full citation, abstract, references, citings, index terms

With the growth in digital representations of music, and of music stored in these representations, it is increasingly attractive to search collections of music. One mode of search is by similarity, but, for music, similarity search presents several difficulties: in particular, for melodic query support, deciding what part of the music is likely to be perceived as the theme by a listener, and deciding whether two pieces of music with different sequences of notes represent the same theme. In ...

2 Music: Approximate matching algorithms for music information retrieval using vocal input
Richard L. Kline, Ephraim P. Glinert
November 2003 **Proceedings of the eleventh ACM international conference on Multimedia MULTIMEDIA '03**
Publisher: ACM Press
Full text available: pdf(165.02 KB) Additional Information: full citation, abstract, references, citings, index terms

Effective use of multimedia collections requires efficient and intuitive methods of searching and browsing. This work considers databases which store music and explores how these may best be searched by providing input queries in some musical form. For the average person, humming several notes of the desired melody is the most straightforward method for providing this input, but such input is very likely to contain several errors. Previously proposed implementations of so-called *query-by-humm ...*

***Keywords**: music information retrieval, query by humming*

3 Reception and posters: Music scale modeling for melody matching
Yongwei Zhu, Mohan Kankanhalli
November 2003 **Proceedings of the eleventh ACM international conference on Multimedia MULTIMEDIA '03**
Publisher: ACM Press
Full text available: pdf(285.77 KB) Additional Information: full citation, abstract, references, index terms

Several time series matching techniques have been proposed for content-based music retrieval. These techniques have shown to be robust and effective for music retrieval by acoustic inputs, such as query-by-humming. However, due to the key transposition issue, all the current methods need to search a large space for the proper key in melody matching. This computation can be prohibitive for a practical music retrieval system with a large database.In this paper, we present a music scale modeling te ...

Keywords: content-based music retrieval, music scale, query-by-humming

4 Manipulation of music for melody matching
Alexandra L. Uitdenbogerd, Justin Zobel
September 1998 **Proceedings of the sixth ACM international conference on Multimedia MULTIMEDIA '98**
Publisher: ACM Press
Full text available: pdf(798.80 KB) Additional Information: full citation, abstract, references, citings, index terms

Many types of user would find it valuable to search collections of music via queries representing music

fragments, but such searching requires a reliable technique for identifying whether a provided fragment occurs within a piece of music. The problem of matching fragments to music is made difficult by the psychology of music perception, because literal matching may have litile relation to perceived melodic similarity, and by the interactions between the multiple parts of typical piec ...

5 Towards the digital music library: tune retrieval from acoustic input

Rodger J. McNab, Lloyd A. Smith, Ian H. Witten, Clare L. Henderson, Sally Jo Cunningham

April 1996 **Proceedings of the first ACM international conference on Digital libraries DL '96**

Publisher: ACM Press

Full text available: pdf(998.45 KB) Additional Information: full citation, abstract, references, cited by, index terms

Music is traditionally retrieved by title, composer or subject classification. It is possible, with current technology, to retrieve music from a database on the basis of a few notes sung or hummed into a microphone. This paper describes the implementation of such a system, and discusses several issues pertaining to music retrieval. We first describe an interface that transcribes acoustic input into standard music notation. We then analyze string matching requirements for ranked retrieval ...

Keywords: acoustic interfaces, melody recall, musical retrieval, relevance ranking

6 Music ranking techniques evaluated

Alexandra L. Uitdenbogerd, Justin Zobel

January 2002 **Australian Computer Science Communications , Proceedings of the twenty-fifth Australasian conference on Computer science - Volume 4 ACSC '02**, Volume 24 Issue 1

Publisher: Australian Computer Society, Inc., IEEE Computer Society Press

Full text available: pdf(872.80 KB) Additional Information: full citation, abstract, references, index terms

In a music retrieval system, a user presents a piece of music as a query and the system must identify from a corpus of performances other pieces with a similar melody. Several techniques have been proposed for matching such queries to stored music. In previous work, we found that local alignment, a technique derived from bioinformatics, was more effective than the n-gram methods derived from information retrieval; other researchers have reported success with n-grams, but have not compared agains ...

Keywords: edit distances, manual and automatic queries, music matching techniques, n-gram matching

7 Applications 2: automated multimedia authoring: Automatic generation of personalized music sports video

Jinjun Wang, Changsheng Xu, Engsiong Chng, Lingyu Duan, Kongwah Wan, Qi Tian

November 2005 **Proceedings of the 13th annual ACM international conference on Multimedia MULTIMEDIA '05**

Publisher: ACM Press

Full text available: pdf(633.40 KB) Additional Information: full citation, abstract, references, index terms

In this paper, we propose a novel automatic approach for personalized music sports video generation. Two research challenges, semantic sports video content selection and automatic video composition, are addressed. For the first challenge, we propose to use multi-modal (audio, video and text) feature analysis and alignment to detect the semantic of events in sports video. For the second challenge, we propose video-centric and music-centric music video composition schemes to automatically generate ...

Keywords: automatic video editing, event detection, personalized music sports video, sports video analysis, video content selection

8 Towards a digital library of popular music

David Bainbridge, Craig G. Nevill-Manning, Ian H. Witten, Lloyd A. Smith, Rodger J. McNab

August 1999 **Proceedings of the fourth ACM conference on Digital libraries DL '99**

Publisher: ACM Press

Full text available: pdf(359.88 KB) Additional Information: full citation, references, citings, index terms

Keywords: MIDI, melody matching, music libraries, music representation, optical music recognition

9 Multimedia: Peer-to-peer architecture for content-based music retrieval on acoustic data

Cheng Yang

May 2003 **Proceedings of the 12th international conference on World Wide Web WWW '03**

Publisher: ACM Press

Full text available: pdf(146.73 KB) Additional Information: full citation, abstract, references, index terms

In traditional peer-to-peer search networks, operations focus on properly labeled files such as music or video, and the actual search is often limited to text tags. The explosive growth of available multimedia documents in recent years calls for more flexible search capabilities, namely search by content. Most content-based search algorithms are computationally intensive, making them inappropriate for a peer-to-peer environment. In this paper, we discuss a content-based music retrieval algorithm ...

Keywords: acoustic data, content-based music retrieval, distributed, load balancing, peer-to-peer, resource pooling

10 Technical session 3: audio processing: Searching notated polyphonic music using transportation distances

Rainer Typke, Remco C. Veltkamp, Frans Wiering

October 2004 **Proceedings of the 12th annual ACM international conference on Multimedia MULTIMEDIA '04**

Publisher: ACM Press

Full text available: pdf(351.55 KB) Additional Information: full citation, abstract, references, index terms

We present a method for searching databases of symbolically represented polyphonic music that exploits advantages of transportation distances such as continuity and partial matching in the pitch dimension. By segmenting queries and database documents, we also gain partial matching in the time dimension. Thus, we can find short queries in long database documents, and have a method more robust against pitch and tempo fluctuations in the queries or database documents than we would with transport ...

Keywords: Earth mover's distance, melodic similarity, polyphonic matching, proportional transportation distance

11 Aspect composition and interaction: Symmetric composition of musical concerns

Patrick Hill, Simon Holland, Robin Laney

March 2006 **Proceedings of the 5th international conference on Aspect-oriented software development AOSD '06**

Publisher: ACM Press

Full text available: pdf(206.81 KB) Additional Information: full citation, abstract, references, index terms

Aspect-oriented programming (AOP) describes a range of techniques that enable the separation, organisation and composition of various programming concerns that cannot be adequately encapsulated using the principal decomposition mechanisms available to modern programming languages.Naturally, most AOP-related research is focussed on its application to the development of computer software. However, we believe that it is worthwhile considering whether AOP and cognate techniques might be usefully ada ...

Keywords: aspect-oriented programming, multi-dimensional separation of concerns, music composition, music representation

12 Music-notation searching and digital libraries

Donald Byrd

January 2001 **Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries JCDL '01**

Publisher: ACM Press

Full text available: pdf(245.26 KB) Additional Information: full citation, abstract, references, citings, index terms

Almost all work on music information retrieval to date has concentrate d on music in the audio and event (normally MIDI) domains. However, music in the form of notation, especially Conventional Music Notation (CMN), is of much interest to musically-trained persons, both amateurs and professionals, and searching CMN has great value for digital music libraries. One obvious reason little has been done on music retrieval in CMN form is the overwhelming complexity of CMN, which requires a very s ...

13 Content-based retrieval for music collections

Yuen-Hsien Tseng

August 1999 **Proceedings of the 22nd annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '99**

Publisher: ACM Press

Full text available: pdf(99.27 KB) Additional Information: full citation, references, citings, index terms

Keywords: approximate string matching, key melody extraction, music indexing, music retrieval, pitch profile encoding, query suggestion

14 Applications 6 - querying and recommending media: QueST: querying music databases by acoustic and textual features

Bin Cui, Ling Liu, Calton Pu, Jialie Shen, Kian-Lee Tan

September 2007 **Proceedings of the 15th international conference on Multimedia MULTIMEDIA '07**

Publisher: ACM Press

Full text available: pdf(229.62 KB) Additional Information: full citation, abstract, references, index terms

With continued growth of music content available on the Internet, music information retrieval has attracted increasing attention. An important challenge for music searching is its ability to support both keyword and content based queries efficiently and with high precision. In this paper, we present a music query system - *QueST* (*Que*ry by acou*S*tic and *T*extual features) to support both keyword and content based retrieval in large music databases. *QueST* has two ...

Keywords: acoustic feature, music, search, similarity notion, textual feature

15 Posters: Synchronized background music generation for video

Jong-Chul Yoon, In-Kwon Lee

June 2007 **Proceedings of the international conference on Advances in computer entertainment technology ACE '07**

Publisher: ACM Press

Full text available: pdf(1.79 MB) Additional Information: full citation, abstract, references, index terms

We synchronize background music with a video by changing the timing of music, an approach that minimizes the damage to music data. Starting from a MIDI file and video data, feature points are extracted from both sources, paired, and then synchronized using dynamic programming to time-scale the music. We also introduce the music graph, a directed graph that encapsulates connections between many short music sequences. By traversing a music graph, we cangenerate large amounts of new background m ...

Keywords: music graph, music-video synchronization

16 Music digital libraries: A comparison of melodic database retrieval techniques using sung queries

Ning Hu, Roger B. Dannenberg

July 2002 **Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries JCDL '02**

Publisher: ACM Press

Full text available: pdf(248.70 KB) Additional Information: full citation, abstract, references, citings, index terms

Query-by-humming systems search a database of music for good matches to a sung, hummed, or whistled melody. Errors in transcription and variations in pitch and tempo can cause substantial mismatch between queries and targets. Thus, algorithms for measuring melodic similarity in query-by-humming systems should be robust. We compare several variations of search algorithms in an effort to improve search precision. In particular, we describe a new frame-based algorithm that significantly outperforms ...

Keywords: dynamic programming, melodic comparison, melodic search, music information retrieval (MIR), sung query

17 Applications 6 - querying and recommending media: Scalable music recommendation by search

Rui Cai, Chao Zhang, Lei Zhang, Wei-Ying Ma

September 2007 **Proceedings of the 15th international conference on Multimedia MULTIMEDIA '07**

Publisher: ACM Press

Full text available: pdf(361.46 KB) Additional Information: full citation, abstract, references, index terms

The growth of music resources on personal devices and Internet radio has increased the need for music recommendations. In this paper, aiming at providing an efficient and general solution, we present a search-based solution for scalable music recommendations. In this solution a music piece is first transformed to a music signature sequence in which each signature characterizes the timbre of a local music clip. Based on such signatures, a scale-sensitive method is then proposed to index the mu ...

Keywords: automated playlist generation, content-based music search, locality sensitive hashing (LSH), music signature, music snippet, scalable music recommendation

18 Music information retrieval: Music score alignment and computer accompaniment

Roger B. Dannenberg, Christopher Raphael

August 2006 **Communications of the ACM**, Volume 49 Issue 8

Publisher: ACM Press

Full text available: pdf(646.33 KB) Additional Information: full citation, appendices and supplements, abstract, references, index terms

By relating musical sound to musical notation, these systems generate tireless, expressive musical accompaniment to follow and sometimes learn from a live human performance.

19 A tool for content based navigation of music

Steven Blackburn, David DeRoure

September 1998 **Proceedings of the sixth ACM international conference on Multimedia MULTIMEDIA '98**

Publisher: ACM Press

Full text available: pdf(892.75 KB) Additional Information: full citation, references, citings, index terms

Keywords: branching audio, content based navigation, melodic contours, open hypermedia, pitch contours, query by humming

20 Music and digital libraries: from users to algorithms: Content-based indexing of musical scores

Richard A. Medina, Lloyd A. Smith, Deborah R. Wagner

May 2003 **Proceedings of the 3rd ACM/IEEE-CS joint conference on Digital libraries JCDL '03**

Publisher: IEEE Computer Society

Full text available: pdf(118.63 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper describes a method of automatically creating a content-based index of musical scores. The goal is to capture the themes, or motifs, that appear in the music. The method was tested by building an index of 25 orchestral movements from the classical music literature. For every movement, the system captured the primary theme, or a variation of the primary theme. In addition, it captured 13 of 28 secondary themes. The resulting index was 14% of the size of the database. A further reduction ...

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Results for "(((music<in>metadata) <and> (identification<in>metadata))<or> (voice ..." e-mail printer friendly
Your search matched **62** of **1670222** documents.
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IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

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1. **Root-MUSIC based joint identification and timing estimation of asynchronous CDMA system over Rayleigh fading channel**
Wei-Chiang Wu; Kwang-Cheng Chen;
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE
Volume 2, 18-21 May 1998 Page(s):1239 - 1243 vol.2
Digital Object Identifier 10.1109/VETEC.1998.686437
AbstractPlus | Full Text: PDF(444 KB) **IEEE CNF**
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2. **Voice clipping and data delay analysis of multiple access for wireless PCN**
Khan, F.; Zeghlache, D.;
Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communications: The Key to Global Prosperity
Volume 3, 18-22 Nov. 1996 Page(s):1774 - 1778 vol.3
Digital Object Identifier 10.1109/GLOCOM.1996.591943
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3. **An adaptive technique for automated recognition of musical tones**
Davies, S.C.; Etter, D.M.;
Signals, Systems and Computers, 1996. 1996 Conference Record of the Thirtieth Asilomar Conference on
3-6 Nov. 1996 Page(s):1138 - 1141 vol.2
Digital Object Identifier 10.1109/ACSSC.1996.599121
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4. **Toward unique identifiers**
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Digital Object Identifier 10.1109/5.771073
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5. **Performance analysis of burst switching for integrated voice/data services**
Ma, B.N.W.; Mark, J.W.;
Communications, IEEE Transactions on
Volume 36, Issue 3, March 1988 Page(s):282 - 297
Digital Object Identifier 10.1109/26.1454
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6. **High-range resolution mono-frequency pulsed radar for the identification of approaching targets using subsampling and the MUSIC algorithm**
Grenier, D.; Pigeon, E.; Turner, R.M.;
Signal Processing Letters, IEEE
Volume 3, Issue 6, June 1996 Page(s):179 - 181
Digital Object Identifier 10.1109/97.503283
AbstractPlus | References | Full Text: PDF(224 KB) IEEE JNL
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7. **Identification of active users in synchronous CDMA multiuser detection**
Wei-Chiang Wu; Kwang-Cheng Chen;
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Volume 16, Issue 9, Dec. 1998 Page(s):1723 - 1735
Digital Object Identifier 10.1109/49.737641
AbstractPlus | References | Full Text: PDF(500 KB) IEEE JNL
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8. **Automatic genre identification for content-based video categorization**
Ba Tu Truong; Dorai, C.;
Pattern Recognition, 2000. Proceedings. 15th International Conference on
Volume 4, 3-7 Sept. 2000 Page(s):230 - 233 vol.4
Digital Object Identifier 10.1109/ICPR.2000.902901
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9. **Performance of time of arrival estimation based on signal eigen vectors**
Krasny, L.; Koorapaty, H.;
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Volume 2, 18-21 Sept. 2000 Page(s):1285 - 1289 vol.2
Digital Object Identifier 10.1109/PIMRC.2000.881626
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10. **Polarization in space-time processing for propagation channel identification**
Desmezieres, A.; Bertaux, N.; Larzabal, P.;
Signal Processing Advances in Wireless Communications, 1999. SPAWC '99. 1999 2nd IEEE Workshop on
9-12 May 1999 Page(s):395 - 398
Digital Object Identifier 10.1109/SPAWC.1999.783101
AbstractPlus | Full Text: PDF(320 KB) IEEE CNF
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11. **1999 IEEE International Conference on Acoustics, Speech, and Signal Processing. Proceedings. ICASSP99 (Cat. No.99CH36258)**
Acoustics, Speech, and Signal Processing, 1999. ICASSP '99. Proceedings., 1999 IEEE International Conference on
Volume 1, 15-19 March 1999
Digital Object Identifier 10.1109/ICASSP.1999.758046
AbstractPlus | Full Text: PDF(2636 KB) IEEE CNF
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12. **Audio source type segmentation using a perceptually based representation**
Melih, K.; Gonzalez, R.;
Signal Processing and Its Applications, 1999. ISSPA '99. Proceedings of the Fifth International Symposium on
Volume 1, 22-25 Aug. 1999 Page(s):51 - 54 vol.1
Digital Object Identifier 10.1109/ISSPA.1999.818110
AbstractPlus | Full Text: PDF(376 KB) IEEE CNF
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13. **Automatic band segmentation based on spatio-frequency processing using MUSIC algorithm**
Eric, M.; Skender, M.;
Vehicular Technology Conference, 1999. VTC 1999 - Fall. IEEE VTS 50th
Volume 4, 19-22 Sept. 1999 Page(s):2019 - 2023 vol.4
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AbstractPlus | Full Text: PDF(332 KB) **IEEE CNF**
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14. **CDMA blind channel equalization: a weighted subspace approach**
Ruiz, R.; Cabrera, M.;
Vehicular Technology Conference, 1999 IEEE 49th
Volume 3, 16-20 May 1999 Page(s):2373 - 2377 vol.3
Digital Object Identifier 10.1109/VETEC.1999.778497
AbstractPlus | Full Text: PDF(384 KB) **IEEE CNF**
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15. **Blind channel equalization using weighted subspace methods**
Ruiz, R.; Cabrera, M.;
Acoustics, Speech, and Signal Processing, 1999. ICASSP '99. Proceedings., 1999 IEEE International Conference on
Volume 4, 15-19 March 1999 Page(s):1793 - 1796 vol.4
Digital Object Identifier 10.1109/ICASSP.1999.758268
AbstractPlus | Full Text: PDF(296 KB) **IEEE CNF**
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16. **Interference identification for detection with application to adaptive beamforming**
McCloud, M.; Scharf, L.L.;
Signals, Systems & Computers, 1998. Conference Record of the Thirty-Second Asilomar Conference on
Volume 2, 1-4 Nov. 1998 Page(s):1438 - 1442 vol.2
Digital Object Identifier 10.1109/ACSSC.1998.751564
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17. **Proceedings 5th Brazilian Symposium on Neural Networks (Cat. No.98EX209)**
Neural Networks, 1998. Proceedings. Vth Brazilian Symposium on
9-11 Dec. 1998
Digital Object Identifier 10.1109/SBRN.1998.730984
AbstractPlus | Full Text: PDF(180 KB) **IEEE CNF**
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18. **Classification of audio events in broadcast news**
Zhu Liu; Qian Huang;
Multimedia Signal Processing, 1998 IEEE Second Workshop on
7-9 Dec. 1998 Page(s):364 - 369
Digital Object Identifier 10.1109/MMSP.1998.738963
AbstractPlus | Full Text: PDF(316 KB) **IEEE CNF**
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19. **Time-delay and frequency-shift estimation of multi-user asynchronous CDMA signals in a multipath channel**
Eric, M.; Obradovic, M.;
Electrotechnical Conference, 1998. MELECON 98., 9th Mediterranean
Volume 2, 18-20 May 1998 Page(s):734 - 738 vol.2
Digital Object Identifier 10.1109/MELCON.1998.699313
AbstractPlus | Full Text: PDF(320 KB) **IEEE CNF**
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20. **Using an adaptive INS, monopulse MUSIC, and STAP (AIMS) for targeting**
Blasch, E.P.; Culpepper, E.B.; Johnson, J.;
Radar Conference, 1998. RADARCON 98. Proceedings of the 1998 IEEE
11-14 May 1998 Page(s):225 - 230

Digital Object Identifier 10.1109/NRC.1998.678005

AbstractPlus | Full Text: PDF(480 KB) IEEE CNF
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21. **Field tests of a cellular telephone positioning system**
Klukas, R.; Lachapelle, G.; Fattouche, M.;
Vehicular Technology Conference, 1997 IEEE 47th
Volume 2, 4-7 May 1997 Page(s):470 - 474 vol.2
Digital Object Identifier 10.1109/VETEC.1997.600371

AbstractPlus | Full Text: PDF(480 KB) IEEE CNF
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22. **Kurtosis extrema and identification of independent components: a neural network approach**
Girolami, M.; Fyfe, C.;
Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on
Volume 4, 21-24 April 1997 Page(s):3329 - 3332 vol.4
Digital Object Identifier 10.1109/ICASSP.1997.595506

AbstractPlus | Full Text: PDF(360 KB) IEEE CNF
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23. **1997 IEEE International Conference on Acoustics, Speech, and Signal Processing**
Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on
Volume 4, 21-24 April 1997
Digital Object Identifier 10.1109/ICASSP.1997.595303

AbstractPlus | Full Text: PDF(1224 KB) IEEE CNF
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24. **High-range resolution radar for the identification of approaching targets: effects of parameters and measurements**
Bouchard, C.; Grenier, D.;
Electrical and Computer Engineering, 1997. IEEE 1997 Canadian Conference on
Volume 1, 25-28 May 1997 Page(s):363 - 366 vol.1
Digital Object Identifier 10.1109/CCECE.1997.614864

AbstractPlus | Full Text: PDF(320 KB) IEEE CNF
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25. **Accurate identification of scatterers for improved microcell propagation modelling**
De Jong, Y.L.C.; Herben, M.H.A.J.;
Personal, Indoor and Mobile Radio Communications, 1997. 'Waves of the Year 2000'. PIMRC '97., The 8th IEEE International Symposium on
Volume 2, 1-4 Sept. 1997 Page(s):645 - 649 vol.2
Digital Object Identifier 10.1109/PIMRC.1997.631111

AbstractPlus | Full Text: PDF(552 KB) IEEE CNF
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View: **1-25** | 26-50 | 51-62

Results for "(((music<in>metadata) <and> (matching<in>metadata),)<and> (web<in&g..." e-mail printer friendly
Your search matched **1** of **1670222** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

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IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Selection of melody lines for music databases**
Tang, M.; Yip Chi Lap; Kao, B.;
Computer Software and Applications Conference, 2000. COMPSAC 2000. The 24th Annual International
25-27 Oct. 2000 Page(s):243 - 248
Digital Object Identifier 10.1109/CMPSAC.2000.884725
AbstractPlus | Full Text: PDF(460 KB) **IEEE CNF**
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Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
(search$ and (post$ near2 identif$) and match$ and (song$ or artist$) and visitor$).clm.	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: Refine Search

Recall Text Clear Interrupt

Search History

DATE: Thursday, October 11, 2007 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT; PLUR=YES; OP=OR			
L5	(search$ and (post$ near2 identif$) and match$ and (song$ or artist$) and visitor$).clm.	0	L5
L4	((post$ near2 identif$) and (song$1 or artist) and server$ and (visistor$1) and match$).clm.	0	L4
L3	((input$ near2 form$1) and (voice adj clip$1) and microphone and (client$ or user$1)).clm.	0	L3
L2	(post$ and (voice adj clip$1) and server$ and search$ and match$).clm.	0	L2
L1	((identif$ near2 (song$1 or artist$)) and (input$ or sing or hum) and client$ and server$ and Internet).clm.	3	L1

END OF SEARCH HISTORY

Intergerence search

WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Thursday, October 11, 2007

Hide?	Set Name	Query	Hit Count
		DB=USPT; PLUR=YES; OP=OR	
☐	L130	6353174.pn.	1
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L129	20040093249	1
☐	L128	20010025259 20040093249t	1
		DB=USPT,PGPB; PLUR=YES; OP=OR	
☐	L127	('4996642'| '5790426'| '5884282'| '6041311'| '6064980'| '6092049'| '6317722'| '6370513'| '6412012'| '6438579'| '6636836'| '6801909')![pn]	12
		DB=USPT; PLUR=YES; OP=OR	
☐	L126	(6,678,680 6,539,395 7,075,000).pn.	3
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L125	20020073098	1
		DB=USPT; PLUR=YES; OP=OR	
☐	L124	6975995.pn.	1
☐	L123	7233787.pn.	1
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L122	L94 and (song$1 or (voice adj clip)) with (server$ or host$)	34
☐	L121	L94 and ((send$ or forward$ or provid$) near2 $clip) with (server or host)	0
☐	L120	L94 and ((send$ or forward$ or provid$) near2 $clip) with (server or host)	0
☐	L119	L94 and ((send$ or forward$ or provid$) near2 $clip) with (server or host)	0
☐	L118	L117 and (voice adj clip$)	0
☐	L117	L116 and (input$ same microphone)	35
☐	L116	L101 and (download$ same (web$ or www or html or internet))	37
		DB=USPT; PLUR=YES; OP=OR	
☐	L115	6096962.pn.	1
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L114	2003073491	0
☐	L113	200307349	0
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L112	L99 and (electronic adj notification) same server$1	0
		DB=USPT; PLUR=YES; OP=OR	
☐	L111	6539395.pn.	1
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L110	20020073098	1
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	

☐	L109	L104 and (select$ near2 music) with type$1	0
☐	L108	L94 and (select$ near2 music)	187
☐	L107	L104 and L94	0
☐	L106	L104 not L94	184
☐	L105	L104 and L93	0
☐	L104	(voice adj clip)	184
☐	L103	L94 and (voice adj clip$1)	0
		DB=USPT,PGPB; PLUR=YES; OP=OR	
☐	L102	('4843562'| '5210820'| '5428732'| '5616876'| '5619709'| '6026439'| '6049777'| '6061680'| '6085226'| '6154773'| '6195622'| '6230207'| '6289353'| '6347315'| '6370526'| '6516308'| '6523026'| '6526411'| '6605770'| '6658423'| '6766316'| '20030028796'| '20030086341'| '20030095660')![pn]	24
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L101	L100 and client$1	57
☐	L100	L99 and server$1	85
☐	L99	L93 and (hyperlink$ or url or anchor$1) same (song$1 or artist$1)	85
☐	L98	L94 and (voice adj clip$)	0
☐	L97	L94 and ((music adj type$1) near10 (display$ or present$ or select$))	6
☐	L96	L94 and ((select$ or pick$ or chos$)near10 (music adj type$1))	0
☐	L95	L94 and (voice adj clip) near5 (submit$ or request$ or display$ or present$) same server$1	0
☐	L94	L93 and ((select$ near2 music) same (list$ or (pull-down)))	187
☐	L93	L92 and ((sing$ or input$ or enter$) same microphone$1)	1708
☐	L92	(input$ or enter$ or determin$ or identif$) near2 (song$1 or music or artist$1)	9230
☐	L91	(voice adj clip$) and ((identificat$ or determin$1) near2 (song$1 or artist$1))	0
☐	L90	((music near2 type$1) same information same(selection adj list$1))	0
☐	L89	((music near2 type$1) with information with (selection adj list$1))	0
☐	L88	notificat$ same (hyperlink$ or url or anchor$1) same (song$1 or artist$1)	26
☐	L87	(voice adj clip) and (song$1 near2 (name$1 or artist$1))	3
☐	L86	(voice adj clip) same (song$1 near2 (name$1 or artist$1))	0
		DB=USPT; PLUR=YES; OP=OR	
☐	L85	6539395.pn.	1
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L84	20020073098	1
		DB=USPT; PLUR=YES; OP=OR	
☐	L83	L82 and @pd > 20070612	0
☐	L82	(4,807,169 5,233,520 5,583,763 5,704,017 5,724,567 5,749,081 5,832,446 5,884,282 5,899,502 5,918,223 5,978,766 5,960,440 5,963,948 5,979,757 5,999,975 6,012,051 6,018,738 6,020,883 6,046,021 6,112,186 6,236,974 6,236,990 6,370,513).pn.	23
☐	L81	6657116.pn.	1
☐	L80	(6,061,680 5,557,541 or 5441047).pn.	3
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L79	((song$1 or artist$1 or composer$1) near2 (identif$ or determin$ or notif$)) with (url$ or	9

		hyperlink$1 or link$1) with (music or audio or video)	
☐	L78	((song$1 or artist$1 or composer$1) near2 (identif$ or determin$ or notif$)) same (url$ or hyperlink$1 or link$1) same (music or audio or video)	131
☐	L77	L76 and L16	16
☐	L76	L75 or L74 or L3 or L72 or L71	334811
☐	L75	707/(6,102.1,104).ccls.	115393
☐	L74	709/(200,202,203,209).ccls.	103161
☐	L73	84/(609,649,668).ccls.	1485643
☐	L72	715/(500.1,501.1,513,523,526).ccls.	104117
☐	L71	345/$.ccls.	88898
☐	L70	L57 and (electronic adj notification) same server$1	0
		DB=USPT; PLUR=YES; OP=OR	
☐	L69	6539395.pn.	1
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L68	20020073098	1
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L67	L62 and (select$ near2 music) with type$1	0
☐	L66	L52 and (select$ near2 music)	187
☐	L65	L62 and L52	0
☐	L64	L62 not L52	184
☐	L63	L62 and L51	0
☐	L62	(voice adj clip)	184
☐	L61	L52 and (voice adj clip$1)	0
		DB=USPT,PGPB; PLUR=YES; OP=OR	
☐	L60	('4843562'| '5210820'| '5428732'| '5616876'| '5619709'| '6026439'| '6049777'| '6061680'| '6085226'| '6154773'| '6195622'| '6230207'| '6289353'| '6347315'| '6370526'| '6516308'| '6523026'| '6526411'| '6605770'| '6658423'| '6766316'| '20030028796'| '20030086341'| '20030095660')![pn]	24
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L59	L58 and client$1	57
☐	L58	L57 and server$1	85
☐	L57	L51 and (hyperlink$ or url or anchor$1) same (song$1 or artist$1)	85
☐	L56	L52 and (voice adj clip$)	0
☐	L55	L52 and ((music adj type$1) near10 (display$ or present$ or select$))	6
☐	L54	L52 and ((select$ or pick$ or chos$)near10 (music adj type$1))	0
☐	L53	L52 and (voice adj clip) near5 (submit$ or request$ or display$ or present$) same server$1	0
☐	L52	L51 and ((select$ near2 music) same (list$ or (pull-down)))	187
☐	L51	L50 and ((sing$ or input$ or enter$) same microphone$1)	1708
☐	L50	(input$ or enter$ or determin$ or identif$) near2 (song$1 or music or artist$1)	9230
☐	L49	(voice adj clip$) and ((identificat$ or determin$1) near2 (song$1 or artist$1))	0
☐	L48	((music near2 type$1) same information same(selection adj list$1))	0
☐	L47	((music near2 type$1) with information with (selection adj list$1))	0

☐	L46	notificat$ same (hyperlink$ or url or anchor$1) same (song$1 or artist$1)	26
☐	L45	(voice adj clip) and (song$1 near2 (name$1 or artist$1))	3
☐	L44	(voice adj clip) same (song$1 near2 (name$1 or artist$1))	0
		DB=USPT; PLUR=YES; OP=OR	
☐	L43	6539395.pn.	1
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L42	20020073098	1
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L41	L40 and L25	39
☐	L40	((song$1 or artist$1) near2 (identif$ or determin$ or notif$)) same(hyperlink$1 or link$1 or url$ or Web$) same music	166
☐	L39	((song$1 or artist$1) near2 (identif$ or determin$ or nofif$)) with (hyperlink$1 or link$1 or url$) with music	4
		DB=USPT,PGPB; PLUR=YES; OP=OR	
☐	L38	('5441047'| '5475845'| '5701904'| '5724983'| '5740549'| '5774170'| '5857191'| '6002393'| '6029045'| '6050940'| '6112181'| '6115040'| '6286051'| '6389467')![pn]	14
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L37	L36 and L16	30
☐	L36	L35 or L34 or L33 or L32 or L31 or L30	1752525
☐	L35	(707/104.1).ccls.	6662
☐	L34	707/(6,102).ccls.	115393
☐	L33	709/(200, 202,203).ccls.	103161
☐	L32	84/(609,649,668).ccls.	1485643
☐	L31	715/(500.1,501.1,514,526).ccls.	104117
☐	L30	345/$.ccls.	88898
☐	L29	L16 and (electronic adj notification) same server$1	0
		DB=USPT; PLUR=YES; OP=OR	
☐	L28	6539395.pn.	1
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L27	20020073098	1
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L26	L21 and (select$ near2 music) with type$1	0
☐	L25	L11 and (select$ near2 music)	187
☐	L24	L21 and L11	0
☐	L23	L21 not L11	184
☐	L22	L21 and L10	0
☐	L21	(voice adj clip)	184
☐	L20	L11 and (voice adj clip$1)	0
		DB=USPT,PGPB; PLUR=YES; OP=OR	
☐	L19	('4843562'| '5210820'| '5428732'| '5616876'| '5619709'| '6026439'| '6049777'| '6061680'| '6085226'| '6154773'| '6195622'| '6230207'| '6289353'| '6347315'| '6370526'| '6516308'| '6523026'| '6526411'| '6605770'| '6658423'| '6766316'| '20030028796'| '20030086341'| '20030095660')![pn]	24

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

☐	L18	L17 and client$1	57
☐	L17	L16 and server$1	85
☐	L16	L10 and (hyperlink$ or url or anchor$1) same (song$1 or artist$1)	85
☐	L15	L11 and (voice adj clip$)	0
☐	L14	L11 and ((music adj type$1) near10 (display$ or present$ or select$))	6
☐	L13	L11 and ((select$ or pick$ or chos$)near10 (music adj type$1))	0
☐	L12	L11 and (voice adj clip) near5 (submit$ or request$ or display$ or present$) same server$1	0
☐	L11	L10 and ((select$ near2 music) same (list$ or (pull-down)))	187
☐	L10	L9 and ((sing$ or input$ or enter$) same microphone$1)	1708
☐	L9	(input$ or enter$ or determin$ or identif$) near2 (song$1 or music or artist$1)	9230
☐	L8	(voice adj clip$) and ((identificat$ or determin$1) near2 (song$1 or artist$1))	0
☐	L7	((music near2 type$1) same information same(selection adj list$1))	0
☐	L6	((music near2 type$1) with information with (selection adj list$1))	0
☐	L5	notificat$ same (hyperlink$ or url or anchor$1) same (song$1 or artist$1)	26
☐	L4	(voice adj clip) and (song$1 near2 (name$1 or artist$1))	3
☐	L3	(voice adj clip) same (song$1 near2 (name$1 or artist$1))	0

DB=USPT; PLUR=YES; OP=OR

☐	L2	6539395.pn.	1

DB=PGPB,USPT; PLUR=YES; OP=OR

☐	L1	20020073098	1

END OF SEARCH HISTORY